

***Montessori Lower Elementary Classroom Inventory
Series***

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Montessori Lower Elementary Classroom Inventory Series

Lower Elementary Furniture

Student Furniture:

DESKS: Many LE classrooms use the same student desks purchased for a traditional elem. classroom. These are individual desks with a space under the desktop for storage (open front desks). They have adjustable legs that can be set to match the chairs. Eight to ten desks should be sufficient.

CHAIRS: Student chairs which are normally used with the above style are fine. These are heavy plastic ones with chrome legs. Height would be some 14" and some 16"

Laptop (nesting) Tables 4 - 13 ht X 17 X 9 and 2 - 13 ht X 18x 24
Optional – Low Coffee Table Style – 24 X 48 X ht. 14"-16"

Shelving Units:

Open or closed back 3 Tier 30" ht. 12" deep; length 40-42"
Open or closed back 4 Tier – same as above

A total of approximately 15 shelves are needed. However, this no. depends on overall size of the room; whether or not the room has built in shelving, etc. Closed back shelving is better for shelves that are along a wall.

Tables:

2 Round brown laminate top tables with adjustable legs 48" diameter
Peace Table – Round is nice, 24-28" diameter or rect. 18 X 24 top, approx. 20-21" ht.
1-2 Library style wooden rectangular tables or brown laminate top with steel legs

Other:

Student cubbies (optional for this age)
Bead cabinet

Map Stand

Metal Inset stand
Greenboard Stand (optional)
Control map Stand (optional)
1-2 Child Sized comfortable chairs for Library corner
Child –Sized Shelf/Book display stand for Library Corner
15 “Teacher Stools with pad (1-2)
Broom & Mop Stand (optional)

Oval Line Rug – Two tone 9 X 12 or 10 X 13 – stripe/line is personal preference .

Mats/ Work Rugs:

6-8 of each size – depends too on size of class
Pale colors: Small – 24 X 36
 Large - 28 X 42

AV Equipment

CD player – high quality for background music & line time group music activities
Listening station for taped books
Computers – 2 for students; 1 for teacher

Wall items

Prints of works by classical artists (e.g., Monet, Van Gogh, Picasso’s flower bouquet)
Various sizes for hanging and/or displaying on shelves (Frame ideas – clear plastic is less expensive than wood)
Clock – At children eye level
Cork strips

Montessori Lower Elementary Classroom Inventory Series
Montessori Equipment/Materials

Sensorial/Math

Geometric cabinet with six drawers of shapes
 Geometric cabinet demonstration tray
 Form cards for the demonstration tray
Geometric Cabinet Control Chart
Geometric Cabinet Control Book
Geometric form cards and small cabinet
Geometric Solids
 Geometric cards
 Geometric Solids Control Book
Elementary geometric solids (16 solids)
Geometric Plane Figures with Box
Geometric Stick Material
 Large working board for stick material
Geometric Hierarchy of Numbers and cards
Constructive triangles
Constructive blue triangles
Circles, squares and triangles
Bells set and accompanying materials (May wait on this)
Binomial cube
Trinomial cube

Math

Teen board & bead bar box*
Tens board & bead bar box*
 Hanging teen board and beads*
Golden Bead Material Set with plastic number cards, connected nylon beads
 Large plastic number cards 1 -1000 and wooden box
 Small plastic number cards 1 - 3000 and wooden box
 Small plastic number cards 1 - 9000 and wooden box
 Large plastic number cards 1 - 9000 and wooden box

Bead Material (for Bead Cabinet)*
 Set of arrows for bead material and plastic boxes
 Colored bead stairs *
 Addition strip board with number boxes
 Subtraction strip board with number boxes
 Small bead frame (2)
 Large bead frame (2)
 Paper for bead frames (both sizes)
 Stamp game (2)
 Bank game
 Multiplication board set (2)
 Large fraction skittles and stand
 Fraction circles metal insets and two stands
 Fraction labels
 Cut out labeled fraction circles
 Instrument for the measurement of angles
 Checkerboard
 Beads
 Number tiles
 Quilted checkerboards (2)
 Addition tables
 Subtraction tables
 Addition equations and sums box
 Subtraction equations and differences box
 Multiplication tables
 Multiplication equations and products box
 Multiplication bead bar layout box – connected beads nylon
 Division tables
 Division equations and dividends box
 Hundred board with tiles
 Control chart for hundred board
 Pythagoras board and box of number tiles
 Control chart for Pythagoras board
 Division working charts
 Decimal fraction board
 Decimal fraction exercise
 Addition snake game * (2)
 Subtraction snake game* (2)
 Elementary negative snake game*
 Arithmetic signs box
 Introduction to decimal quantity*
 Introduction to decimal system*
 Clock with moveable hands
 Clock exercises
 Algebraic peg board and pegs (factoring peg board)

Addition working charts
Subtraction working charts
Multiplication working charts
Multiplication board set (2) with beads and numbers
Division board set (2) with beads and skittles
Division –Test Tube with boards beads and skittles
Dot exercise, laminated board
Dot exercise sheets
Water bases pens – 10 black; 10 red
Numerals and signs print

*Advice needed on what type of beads to buy (e.g., individual beads, nylon; connected beads, plastic)

Language

Plastic baskets with holes (Sterlite, Rubbermaid) – various shapes – for language lessons- 30
Pink Series, Blue Series, Green series (Lakeview Co.)
Sandpaper letters and box (print lowercase)
Sandpaper capitals and box
Sandpaper cursive capitals and box
Double sandpaper letters (print – ee, oo, ea, etc.)
Medium moveable alphabet and box (2) 1 red & 1 blue
Printed cursive red alphabet & box
Blank greenboards
Greenboards with lines and squares
Greenboards double lined and squares
Metal Insets and 2 trays
 Tracing tray, paper & container, pencil holder
 11 sets colored inset pencils
 Set of 11 colored pencil holders

Grammar Material

Grammar boxes
Grammar filling boxes
Printed grammar cards
Grammar command boxes
Reading/sentence analysis set
Reading analysis, first chart and box
Reading analysis working chart
Arrows and circles for sentence analysis
Plastic grammar symbols in box
Paper grammar symbols in box
Template for Sentence Analysis
Template for Grammar Symbols
Detective adjective exercise

Botany

Botany cabinet with three drawers of leaf shapes

Botany cabinet control chart

Botany nomenclature cards

Leaf cards and small cabinet

Botany puzzles and cabinet (tree, flower, leaf)

Three part cards for all botany lessons – parts of plants through parts of seeds

Life cycle of plants

Life cycle

Food Chain

Zoology

Animal puzzles and cabinet (horse, frog, fish, turtle, bird)

Vertebrate/ Invertebrate lessons

Egg lesson

Three part cards – vertebrates (internal and external) & invertebrates

Living/non-living lesson

Physiology

Parts of a skeleton

Internal body parts

Food groups

Geography

Globe of land and water

Globe of continents

Puzzle maps: The World

Unites States

North America

South America

Antartica

Africa

Asia

Europe

Australia

For each puzzle, need to order:

labeled control map

labels

political map

US – outline & state boundaries

Land forms

Plate tetonics lessons

Continental shift – plates & boxes

Biome lessons & boxes

Parts of a volcano

Circle for World Map

Flags

History- Timeline of life

Other Instructional Materials

Language

Tower material – Language Works

Classroom library with variety of fiction and non-fiction, varied levels

Montessori Research & Development has some good materials to go with pink series

Dictionaries (7 Children's) (3 First Dictionaries) (2 Intermediate Dictionaries) Scholastic Co.

Activities for compound words, homonyms (e.g., puzzle piece matching)

Thesaurus (3-5)

Reading comprehension material- Examples: Reading for Concepts

New Practice Readers

Reading About Science

Books on tape/CD

Leveled readers

Bob Books

www.montessorimaterials.com has free language, materials

Math

Measurement materials: rulers, tape measures, yardsticks

Scales: balance and spring

Liquid measure cups and containers

Materials for statistics: dice, spinners

Science

Microscopes (20

Magnifiers

Thermometers

Acid/base experiment kit

Small bug box magnifier

Butterfly net

Glass prism

Magnets

Binoculars

Geography Inventory

Physical Globe (Nystrom Co.)

Maps – 2 world; 1 US

Flags – US, Canada, Mexico, Cuba, Brazil, Chile, Peru, Argentina, Egypt, Nigeria,
Kenya, Ethiopia plus others as need and funds permit

Flag base/stand

Classroom Management

Classroom rules chart – “I Care” rules from Peaceworks Co. are good

Music box (non-breakable is better) for signaling end to work time

Rainstick or chimes for calm transitions

Peace Table items: “talking” stick or rose

Books about peace, e.g., My Peaceful Classroom

Small Framed Picture of Maria Montessori

CD’s – classical background music

Extra: (nice to have but not essential in beginning)

Writing: blank book (lined pages) – (Curriculum Associates Co.)

Art: “Child Sized Masterpieces Set” – (Nienhuis Co.)

